

SUBMITTAL DATA SHEET



<b>FPA-60DU/CZP60CD(O)</b>	<b>60,000 BTU/H(208/230V) Wall Mounted Heat Pump System</b>
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

**Set Model**  
 Indoor unit model: FPA-60DU  
 Outdoor unit model: CZP60CD(O)

**Certified**  
 AHRI   
 CSA



**SYSTEM PERFORMANCE DATA**

<b>Power supply</b>		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
<b>Electrical</b>		
Minimum circuit ampacity	(A)	36.0
Max.fuse	(A)	50.0
Connection wiring		14AWG*2 Stranded, shielded
<b>Cooling</b>		
Rated Capacity	(Btu/h)	54000
Capacity Range	(Btu/h)	15000~54000
Power Input (Max)	(W)	5537
Rated current	(A)	24.30
SEER2	(Btu/W)	19.8
EER2	(Btu/W)	9.8
<b>Heating at 47F</b>		
Rated Capacity	(Btu/h)	60000
Capacity Range	(Btu/h)	17000~62000
Power Input (Max)	(W)	5850
Rated current	(A)	25.6
HSPF2-4	(Btu/W)	9.0
HSPF2-5	(Btu/W)	7.0
COP	W/W	3.01
<b>Heating at 17F</b>		
Max Capacity	(Btu/h)	35000

**REFRIGERANT PIPE DATA**

Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/163
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.32
	(g/ft)	30
Liquid side/ Gas side	(inch)	3/8" / 5/8"
	(mm)	9.52/15.9
Max. pipe length	(ft)	213.0
	(m)	65.0
Max. difference in level	(ft)	98.0
	(m)	30.0
Connection method		(Flared)
Indoor(cooling/ heating)	(Deg. °F)	/ -
	(Deg. °C)	72/147/167 / Yes
Outdoor(cooling/heating)	(Deg. °F)	5~122 / 5~75
	(Deg. °C)	-15~50 / -15~24
Application area	(sq.ft)	775.00~1140.97
	(m2)	72~106

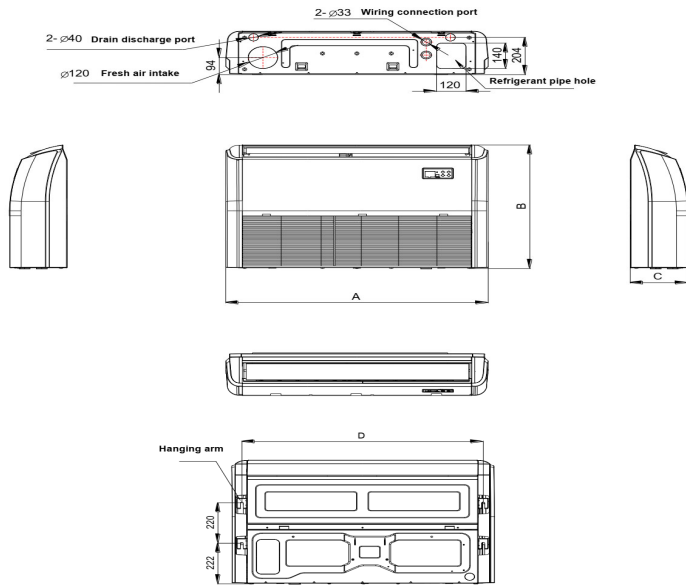
**INDOOR UNIT DATA**

<b>Indoor fan motor</b>		
Type		Cross-Flow
Model		ZKFN-160-8-1-2
Qty		2
Input	(W)	90.0
RLA	(A)	1.2+1.2
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1350/1050/850
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	1384.12/1028.82/795.29
Indoor noise level (Hi/Med/Lo)	[dB(A)]	55/50/41
<b>Dehumidification</b>		
	(Pint/H)	---
<b>Indoor unit</b>		
Dimension (WxDxH)	(inch)	64.96x26.57x9.25
	(mm)	1650x675x235
Packing(WxDxH)	(inch)	67.91x29.72x12.32
	(mm)	1725x755x318
Net/Gross weight	(lbs.)	101.41/110.23
	(kg)	46/50

**OUTDOOR UNIT DATA**

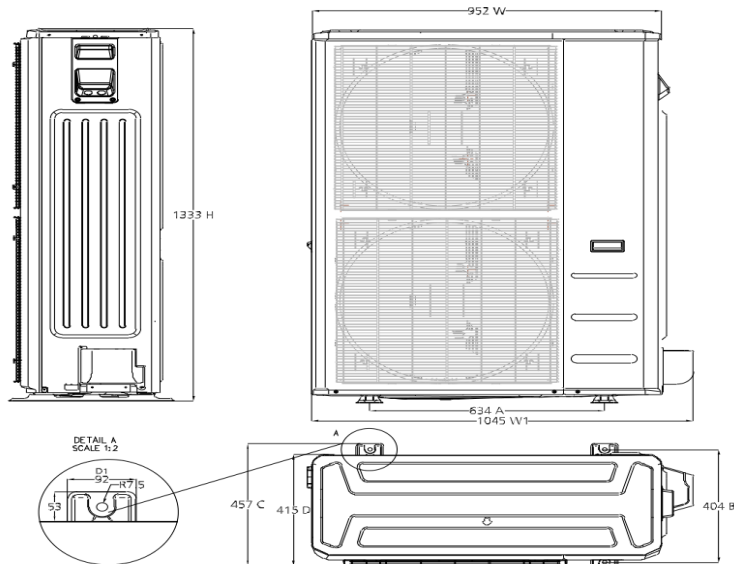
<b>Compressor</b>		
Type		KTQ420D1UMU
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	44697
Input	(W)	3420
Rated current (RLA)	(A)	23.5
Refrigerant oil/oil charge	(ml)	INT01L-4639
Throttle		Capillary +EXV
<b>Outdoor fan motor</b>		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	--
RLA	(A)	--
Speed	(r/min)	900/850/800/750
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	4411.76
Outdoor noise level	[dB(A)]	65
<b>Outdoor unit</b>		
Dimension (W×D×H)	(inch)	37.48x16.34x52.48
	(mm)	952x415x1333
Packing (W×D×H)	(inch)	43.11x19.49x58.27
	(mm)	1095x495x1480
Net/ Gross weight	(lbs.)	225.09/254.41
	(kg)	102.1/115.4

### Indoor unit dimension



Capacity (Btu/h)	Unit	A	B	C	D
<b>18K / 24K</b>	mm	1068	675	235	983
	inch	42.05	26.57	9.25	38.70
<b>36K</b>	mm	1285	675	235	1200
	inch	50.59	26.57	9.25	47.24
<b>48K/60K</b>	mm	1650	675	235	1565
	inch	64.96	26.57	9.25	61.61

### Outdoor unit dimension



**General Features**

Wired controller(optional)  
Weekly-time wired controller(optional)  
Central controller  
Long distance Alarm and ON/OFF controller(optional)  
Build-in pump(optional)  
3D airflow

**Extended Performance Data**